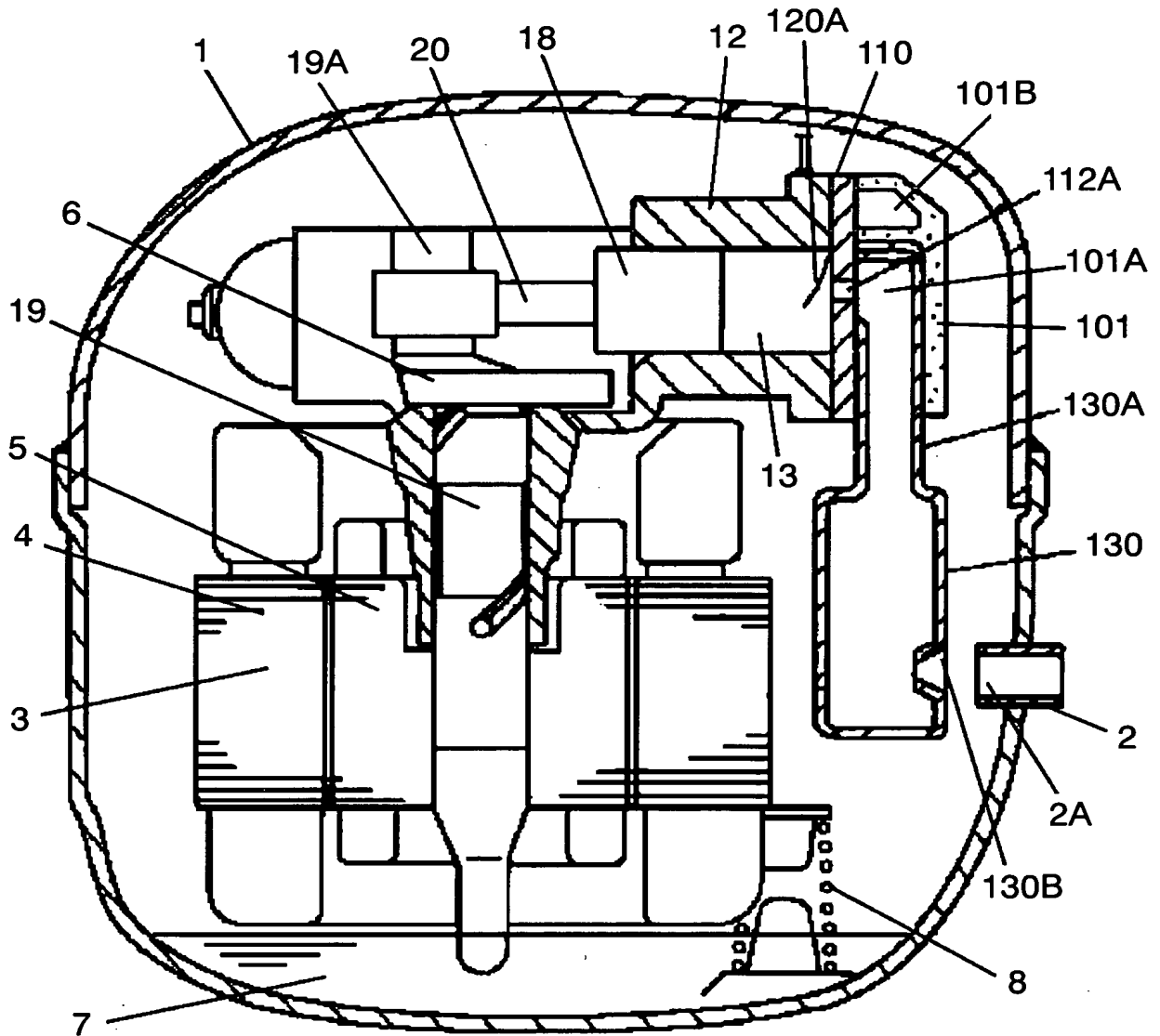


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FIG. 1



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FIG. 2

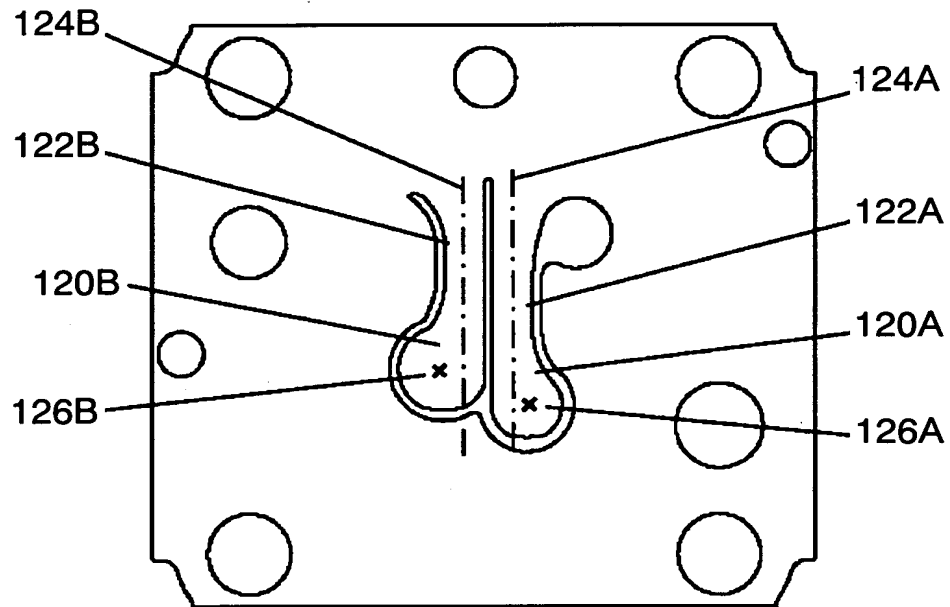
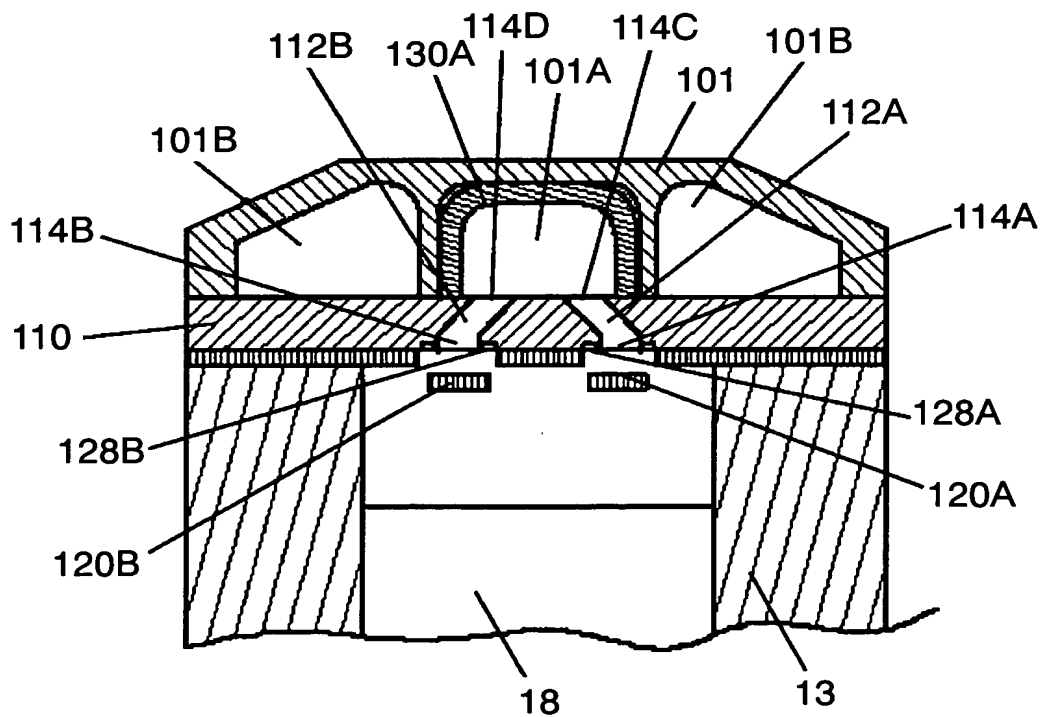


FIG. 3



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FIG. 4

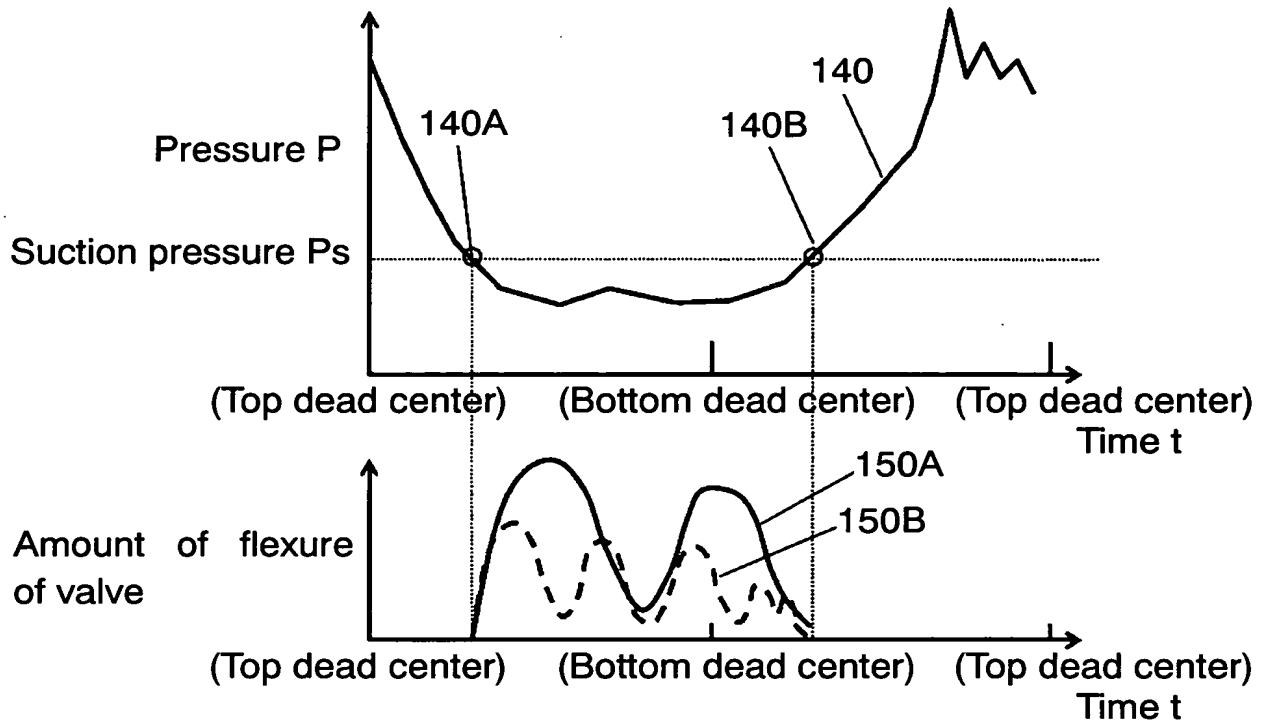
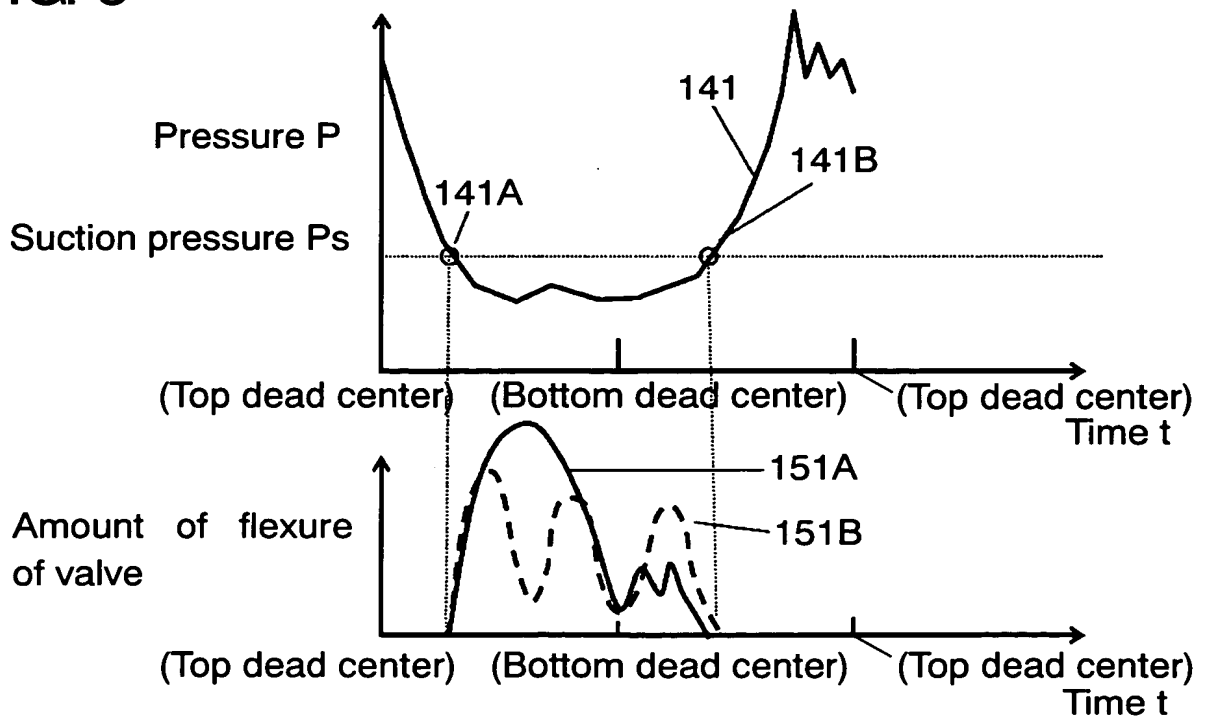
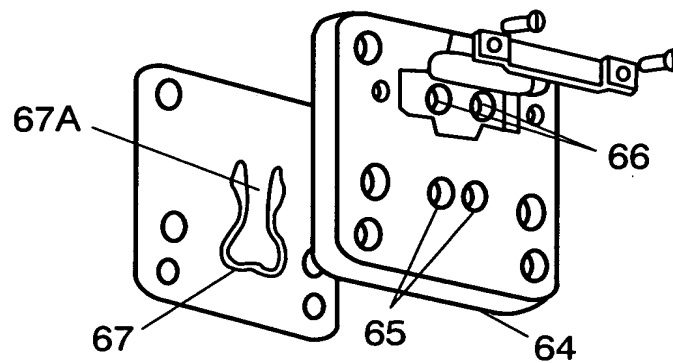


FIG. 5





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Reference marks in the drawings

- 1 hermetic container
- 2 suction tube
- 2A outlet port
- 3 motor
- 4 stator
- 5 rotor
- 6 compression part
- 7 refrigerating machine oil
- 8 coil spring
- 12 cylinder block
- 13 cylinder
- 18 piston
- 19 crank shaft
- 19A eccentric part
- 20 connecting rod
- 30 suction muffler
- 30A communicating tube
- 30B inlet port
- 51 hermetic container
- 52 suction tube
- 52A outlet port
- 53 motor
- 54 stator
- 55 rotor
- 56 compression part
- 57 refrigerating machine oil
- 58 coil spring
- 61 cylinder head
- 61A suction space
- 61B discharge space
- 62 cylinder block
- 63 cylinder
- 64 valve plate
- 65 suction hole

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66 discharge hole  
67 suction reed valve  
67A deformation part  
68 piston  
69 crank shaft  
69A eccentric part  
70 connecting rod  
101 cylinder head  
101A suction space  
101B discharge space  
110 valve plate  
112A, 112B suction hole  
114A, 114B, 114C, 114D opening portion  
120A, 120B suction reed valve  
122A, 122B deformation part  
124A, 124B centerline  
126A, 126B working point of gas pressure load  
128A, 128B seal part  
130 suction muffler  
130A communicating tube  
130B inlet port  
140, 141 pressure  
140A, 140B, 141A, 141B point  
151A, 151B opening and closing operation